

1 BILL NO. S-80-05-21.

2 SPECIAL ORDINANCE NO. S-68-80

3
4 AN ORDINANCE approving Change Order No. 7
5 Contract No. 77-W-2, in connection with
6 the Filtration Plant Addition.

7 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE,
8 INDIANA:

9 SECTION 1. That Change Order No. 7 to Hagerman-Shambaugh, joint
10 bidders, in connection with the Filtration Plant Addition, for the follow-
11 ing:

12 revise pneumatic conveying system as recommended by
13 equip. supplier, provide outside push button station
14 for one garage door, provide electrical power to water
15 heater in new control room, changes to allow filtered
16 water levels to be transmitted to new control panel,
17 changes for compatibility with equipment supplied,
18 change dehumidification system to hydrier, change set-
19 tling tank weir troughs braces and furnish and install
20 weld plates in the top surface of beams in chemical
21 building, which will support precast roof slabs.

22 in the amount of \$22,458.00, as set out in the specifications, is hereby
23 in all things ratified, confirmed and approved.

24 SECTION 2. That this Ordinance shall be in full force and effect
25 from and after its passage and approval by the Mayor.

26 
27 COUNCILMEMBER

28 APPROVED AS TO FORM AND
29 LEGALITY MAY 23, 1980.

30 
31 JOHN E. HOFFMAN
32 City Attorney

Read the first time in full and on motion by Burns, seconded by Eastab, and duly adopted, read the second time by title and referred to the Committee City Works (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, 19____, the _____ day of _____, 19____, at _____ o'clock _____ M., E.S.T.

DATE: 5-27-80

Charles W. Westerman
CHARLES W. WESTERMAN
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Eastab, and duly adopted, placed on its passage. PASSED (~~lost~~) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	<u>9</u>	_____	_____	_____	_____
BURNS	<u>✓</u>	_____	_____	_____	_____
EISBART	<u>✓</u>	_____	_____	_____	_____
GIAQUINTA	<u>✓</u>	_____	_____	_____	_____
NUCKOLS	<u>✓</u>	_____	_____	_____	_____
SCHMIDT, D.	<u>✓</u>	_____	_____	_____	_____
SCHMIDT, V.	<u>✓</u>	_____	_____	_____	_____
SCHOMBURG	<u>✓</u>	_____	_____	_____	_____
STIER	<u>✓</u>	_____	_____	_____	_____
TALARICO	<u>✓</u>	_____	_____	_____	_____

DATE: 6-24-80

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (~~GENERAL~~) (~~ANNEXATION~~) (~~SPECIAL~~) (~~APPROPRIATION~~) ORDINANCE (RESOLUTION) No. 2-68-80 on the 24th day of June, 1980.

ATTEST: (SEAL)
Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK
William A. Schmidt
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 25th day of June, 1980, at the hour of 11:30 o'clock A. M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 2nd day of July 1980, at the hour of 4 o'clock P. M., E.S.T.

Winfield C. Moses, Jr.
WINFIELD C. MOSES, JR.
MAYOR

BILL NO. S-80-05-31

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON CITY UTILITIES TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order No. 7 Contract 77-W-2 in connection
with the Filtration Plant Addition

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE 80/ PASS.

PAUL M. BURNS, CHAIRMAN

BEN EISPART, VICE CHAIRMAN

JOHN NUCKOLS

MARK GIAQUINTA

ROY SCHOMBURG

6-24-80
DATE 6-24-80 CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK xc



ACTIVE PARTNERS

J.H. HOLLAND	D.H. ADAMS	R.W. FORCE
H.R. VANCE	S.C. WARDNEC	R. SHIT
R.W. ECHTEL	R.F. BATES	P.C. YOUNG

PETERSON PARTNERS

A.L. HANCOCK	W.B. NEPPERT	J.O. SEELEY
--------------	--------------	-------------

69-35-21 ^{Letter} 5/4/80

McNamee, Porter and Seeley

3131 SOUTH STATE STREET · ANN ARBOR, MICHIGAN 48104 · (313) 665-6000

Consulting Engineers

Change Order
No. 7

April 29, 1980

Mr. Phillip R. Boller, P.E.
Director of Water Resources
City-County Bldg.
One Main Street
Fort Wayne, IN 46802

RE: City of Fort Wayne, IN
Water Works Improvements
Filtration Plant Additions
Contract 77-W-2

Dear Mr. Boller:

This is in response to your request dated April 14, 1980 concerning documentation to support Change Orders to the above project.

When a change to the contract appears necessary, we first issue a Bulletin to the Contractor and request a detailed price breakdown. The Bulletin describes the proposed change and drawings and/or specifications are revised and reissued as needed to describe the work. We also indicate the reason for the change on the Bulletin. Distribution for the Bulletin includes the Owner, Contractor and Engineer.

The Contractor returns the Bulletin with price breakdown for our review. Our review of pricing is done by cost estimating specialists who keep up to date on labor, material and equipment prices.

Article 2 - Alterations of the Agreement deals with the procedures to handle Change Orders. Change Orders may be issued on a lump sum basis if pricing is acceptable or on a cost plus basis as set forth in the Agreement. This language is found on page 1v of the Contract Documents.

Change Order 7 dated March 11, 1980, and currently under review by the City, includes changes described in Bulletin 6, two changes proposed by the Contractor which are deducts and one change required to fasten pre cast roof beams.

Item 1 of Change Order 7:

The major change on Bulletin No. 6 included revisions to the pneumatic conveying equipment. The changes became necessary after the Contractor's equipment supplier ran tests on a lime, soda ash and ferri-floc from the

er and Seerey

Phillip E. Boller, P.E.

April 29, 1980

Page Two

chemicals supply. The tests indicated different components from those specified would be necessary.

Items 2, 3 and 4 of Bulletin No. 6 were required because actual field conditions were not as shown on the Drawings.

Item 5 of Bulletin No. 6 was deletion of field wiring for a price of equipment.

Items 2 and 3 in Change Order No. 7:

These changes were initiated by the Contractor. Both result in credits to the Contract.

Item 4 of Change Order No. 7:

This item includes weld plates on the top of concrete beams in the Chemical Building. These were needed for fastening the pre cast roof slab.

We will provide a similar discussion when processing other change orders.

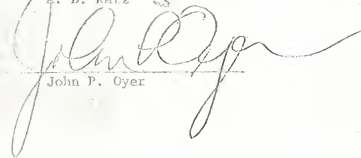
If you have any questions concerning this material, please feel free to contact us.

Very truly yours,

McNAMEE, PORTER AND SEERLEY

By: 

A. D. Katz


John P. Oyer

cc: Glen Patrick
Tom Larder
A.D. Katz
J.P. Oyer

ADK:JPO:jss

14
6 copies

Memorandum

To Board of Public Works Date 4/30/80
From Philip R. Boller, Director of Water Resources, City Utilities
Subject Change Order No. 7 - Contract 77-W-2, McNamee, Porter & Seeley

COPIES TO:
Glen Patrick

I recommend Board of Public Works approval for the attached Change Order No. 7 for the Water Works Improvements Filtration Plant Additions for Contract 77-W-2. As requested by you, we have received an explanation from McNamee, Porter and Seeley, regarding change orders (see attached). The Contract Documents referred to in the letter are in our office if you would like to see them.

Please return signed copies of the Change Order to me for further distribution. Thank you.

PR Boller



69-35-21
5/14/80

McNAMEE, PORTER & SEELEY
CONSULTING ENGINEERS
ANN ARBOR, MICHIGAN

City
69-35-21
5/14/80

OWNER: City of Fort Wayne, IN

CONTRACTOR: Hagerman-Shambaugh, Joint Bidders
510 West Washington Blvd., P.O. Box 10690, Fort Wayne, IN 46853

CONTRACT NO. 77-W-2

TITLE: Water Works Improvements
Filtration Plant Additions

CHANGE ORDER NO. 7

DATE: March 11, 1980

To the Contractor named above:

Under the above contract and upon approval of the Owner, we hereby direct you to furnish the necessary additional labor, material and equipment to:

- | | | |
|---|---------|--------------|
| 1. Bulletin No. 6, items 1-5, RECOMMENDED. | ADD, | \$ 30,059.00 |
| 2. Change dehumidification system to HYDRYER (See attached shop drawing transmittal No. 79 from Shambaugh dated 5-18-79). | DEDUCT, | -(6,370.00) |
| 3. Change method of bracing settling tank weir troughs (see Item 1 on Comment Sheet to shop drawing transmittal No. 51 from Shambaugh dated 4-17-79). | DEDUCT, | -(2,500.00) |
| 4. Furnish and install weld plates in the top surface of beams in the Chemical Bldg. which will support precast roof slabs. | ADD, | \$ 1,269.00 |

NET CHANGE TO CONTRACT, ADD, \$ 22,458.00

RECEIVED

APR 2 1980

FORT WAYNE WATER UTILITY
ENGINEERING DEPT.

CURRENT CONTRACT AMOUNT \$14,782,709.00

THIS CHANGE ORDER, (ADD) ~~(DEDUCT)~~ 22,458.00

REVISED CONTRACT AMOUNT \$14,805,167.00

McNAMEE, PORTER AND SEELEY

BY 

Change Order No. 7
Contract No. 77-W-2
City of Fort Wayne, IN
DATE: March 11, 1980

ACCEPTED:

DATE

MARCH 26, 1980

CONTRACTOR: Hagerman-Shambaugh, Joint Bidders

BY:

John F. Hagerman, President

RECOMMENDED:

DATE

4/8/80

CITY ENGINEER

Charles R. Bolton

DATE

4/8/80

DIRECTOR OF WATER

RESOURCES DIV.

Charles R. Bolton

APPROVED &

ADOPTED

DATE

5/14/80

BOARD OF PUBLIC WORKS

BY

(Chairman)

Robert Anderson Stals

Robert Anderson Stals

ATTEST:

Sandra E. Kennedy
Clerk Board of Public Works

DISTRIBUTION:

City - 2

Contractor - 3 (3 info copy)

MP&S - 1

Res. Engr. - 2

Glen Patrick - 1 (info.)

File - 1

ADK - 1

Hagerman Construction Corporation

GENERAL CONTRACTORS



Office: 403 Strauss Building • Phone 219-494-1470

P.O. Box 690

FORT WAYNE, INDIANA 46801

January 14, 1980

McNamee, Porter & Seeley
2223 Packard Road
Ann Arbor, Michigan 48104

Attn: Mr. Bud Katz

Re: Water Filtration Plant Addition
Fort Wayne, Indiana

Gentlemen:

Reference is made to your request for a price to furnish and install weld plates in the top surface of beams in the Chemical Building which will support precast roof slabs. Our price is based on using seven rows of 2" x 2" x 1/4" angle with concrete anchors for the whole building. This will anchor one end of the slab and let the other end free for expansion.

Material	\$ 759.00
Labor	320.00
Labor Fringes	74.00
	<u>\$ 1,153.00</u>
Markup	116.00
Total	<u>\$ 1,269.00</u>

In addition, we note that the elevator shop drawings call for frames at the several door openings. The drawings do not show that door openings to elevators have metal frames. We have talked to the elevator contractor regarding the need for a frame, and they tell us that frames are necessary to protect the jamb from damage and also that their door hardware would not hold in masonry. We feel that channel frames will protect these openings from carts and other items being moved through the doorways and should be added to the construction.

A copy of Otis Information Bulletin B2079 is enclosed.

Very truly yours,

HAGERMAN CONSTRUCTION CORPORATION

By


Ralph E. Turner

RET:sw
Enc.

RECEIVED
JAN 16 1980
McNAMEE, PORTER & SEELEY
BY ADK

Hagerman Construction Corporation

GENERAL CONTRACTORS



Office: 403 Strauss Building • Phone 219-424-1470

P.O. Box 690

FORT WAYNE, INDIANA 46801

Please note new address:

510 West Washington Blvd.

P. O. Box 10690

Fort Wayne, Indiana 46853

February 12, 1980

McNamee, Porter & Seeley
2223 Packard Road
Ann Arbor, Michigan 48104

Re: Bulletin #6
Filtration Plant Addition
Fort Wayne, Indiana

Gentlemen:

Our quotations for this change bulletin are as follows:

Item #1 - Revise Pneumatic Conveying System.

Mechanical Work - See Shambaugh

Letter Attached.

\$ 17,534.00

Electrical - Labor	\$ 990.00
Material	2,098.00
Total	3,088.00
Markup	309.00
	\$ 3,397.00

Total - Item #1

\$ 3,397.00
\$ 20,931.00

Item #2 - Additional Push Button Stations
for Three Overhead Doors.

Electrical Labor	\$ 202.00
Material	170.00
Total	372.00
Markup	37.00

Total - Item #2

\$ 409.00

Item #3 - Add a 120 Volt Power Supply for the Electric Water Heater
from Circuit LP-G (12).

Electrical Labor	\$ 248.00
Material	198.00
Total	446.00
Markup	45.00

Total - Item #3

\$ 491.00

Item #4 - Changes per Drawings E-48, E-59, I-2, M-51, M-57 and New Drawing S1-1.

Mechanical See Shambaugh Letter Attached.

\$ 4,221.00

Electrical Labor	\$ 675.00
Material	676.00
Total	\$ 1,351.00

HAGERMAN CONSTRUCTION CORPORATION
FORT WAYNE, INDIANA

February 12, 1980

2.

Bulletin #6
Filtration Plant Addition
Fort Wayne, Indiana

Item #4 - Cont.

Excavation & Backfill	\$ 1,100.00	
Paving Repair	2,000.00	
Curb & Gutter	183.00	
Seeding	100.00	
Subtotal	4,734.00	
Markup	500.00	
Subtotal	\$ 5,234.00	\$ 5,234.00
Total - Item #4		\$ 9,455.00

Note: No Replacement of Damaged Shrubbery Has Been Included.

Item #5 - Electrical Changes for Bag Shakers.

Electrical Labor	-500.00
Material	-727.00
Total - Item #5	\$ -1,227.00

Very truly yours,

HAGERMAN CONSTRUCTION CORPORATION

By


Ralph E. Turner

RET:sw

Attachments

Shambaugh & Son INC.

MECHANICAL • ELECTRICAL • FIRE PROTECTION • WASTEWATER
1010 East Summer Avenue • P.O. Box 27297 • Indianapolis, Indiana 46227 • Phone (317) 788-4561

TRANSMITTAL SHEET

TOMcNAMEE, PORTER & SEELEY
CONSULTING ENGINEERS
2223 PACKARD ROAD
ANN ARBOR, MICHIGAN 48104

ATT: JOHN OYER

IN CONNECTION WITH THE ABOVE WE ARE FORWARDING:

DATE: FEB. 18, 80

CITY OF FT. WAYNE, INDIANA

PROJECT: WATER WORKS IMPROVEMENTS

CONTRACT 77-W-2

SPEC. ITEM:

SUBMITTAL #

1 COPIES OF SHAMBAUGH LETTER JAN. 31, 80

COPIES OF WITH QUOTATION & SKETCH FOR

COPIES OF BULLETIN #6

COPIES OF

COPIES OF

THESE ARE TRANSMITTED as checked below:

- | | | |
|---|---|---|
| <input type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input checked="" type="checkbox"/> FOR YOUR INFORMATION. | |

REMARKS:

DISTRIBUTION:

McNamee Porter & Seeley
Hegeman Construction Corp.
Shambaugh Fort Wayne Office
Job Superintendent
Contract Manager/Files

TRANSMITTAL DRWGS.

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6 8
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Shambaugh & Son, Inc.

BY

Ronald Hoke

Shambaugh & Son INC.

MECHANICAL • ELECTRICAL • FIRE PROTECTION • WASTE WATER

1010 East Sumner Avenue • P.O. Box 27297 • Indianapolis, Indiana 46227 • Phone (317) 788-4561

January 31, 1980

Hagerman Construction Corporation
510 West Washington Blvd.
P.O. Box 10690
Fort Wayne, IN 46853

Attn: Ralph Turner

Re: Fort Wayne, Indiana
Waterworks Imprv.
Filtration Plant Additions
Shambaugh #6272
Bulletin #6

Gentlemen:

Enclosed is our breakdown for our items of work as follows:

- A. BULLETIN #6, Item #1 (C.R. #20, Rev. A). Please note this quote does not include any field wiring required or painting, etc. just the furnishing of material and installation of same. Also note performance requirements of TPH needs to be changed on the L/SA system as follows: (a) Pressure conveying lines in New Chemical Building - 34,000 pounds per hour. (b) Pressure conveying lines to existing Chemical Building - 28,000 pounds per hour.

	<u>Description</u>	<u>Material</u>	<u>Labor</u>	<u>Sub</u>	<u>Total</u>
1.	Change six (6) pebble lime airlocks feeders to side inlet type and add chrome bore, stellited rotor shrouds, and adjustable ni-hard rotor tips to airlocks at Filter Receivers.	\$10,801	-0-	-0-	\$10,801
2.	Add 6" plug divertor valve DV-10, 6" air inlet filter, 6" manual knife gate valve. Increase HP of Bin Vent Fans, add two (2) 6" target boxes drawing #M-33.	7,920	-0-	-0-	7,920
3.	Changes to graphic panel Drawings 1-14 and 1-21, also revisions to control panels CP-3 and CP-5 Drawing 1-21 and 1-29.	2,090	-0-	-0-	2,090

COPY

January 31, 1980

	<u>Description</u>	<u>Material</u>	<u>Labor</u>	<u>Sub</u>	<u>Total</u>
4.	Deduct for 119' of 5" Sch. 80 black pipe on Ferric Flocc conveying piping	(\$ 1,215)	(\$2,062)	-0-	(\$ 3,277)
TOTAL BULLETIN #6, ITEM I		<u>\$19,596</u>	<u>(\$2,062)</u>	<u>-0-</u>	<u>\$17,534</u>

* B. BULLETIN #6, Item 4. Change level sensors from original specifications per bulletin, adding two (2) bubbler panels and associated piping. No excavation and backfill is included in our price or any field wiring or installation of bubbler panels.

1.	Two (2) Bubbler Panels.	\$ 1,293	-0-	-0-	\$ 1,293
2.	Float removal, installation of new air piping, valves, and fittings (note line will be 3/4" size between buildings).	794	2,134	-0-	2,928
TOTAL BULLETIN #6, ITEM 4		<u>\$ 2,087</u>	<u>\$2,134</u>	<u>-0-</u>	<u>\$ 4,221</u>

BULLETIN #6

Summary:	Item A.....	\$19,596	(\$2,062)	-0-	\$17,534
	Item B.....	<u>2,087</u>	<u>2,134</u>	<u>-0-</u>	<u>4,221</u>

TOTAL BULLETIN #6.....	<u>\$21,683</u>	<u>\$ 72</u>	<u>-0-</u>	<u>\$21,755</u>
------------------------	-----------------	--------------	------------	-----------------

Please note we would like quick approval or commitment on Item A, sub item #3, and Item B, sub item 1, bubbler panels, so instrumentation drawings may be finalized.

As part of this quote we request thirty five (35) days time extension.

As part of Bulletin #6, Item #4, see enclosed sketch A-1 dated January 31, 1980 showing approximate location and elevation where we plan to exit pump building wall with 3/4" air.

As discussed with Bud Katz January 30, 1980 we would core drill floor at elevation 747.0 at west wall of pump building and then go out west wall approximately 6' above floor elevation, therefore the 3/4" copper line would be exposed adjacent to west wall of pump room.

Very Truly Yours,

SHAMBAUGH & SON, INC.

Ronald Hoke
 Ronald Hoke
 Project Manager

RH/kc

cc: J. Harvey/file
 Jobsite

COPY

APPROX GRADE, EL.
758' ±

EL. 754' ± OR 5'
BELOW GRADE

NEW ¾" AIR LINE

7' ±

Open to floor

FLR. EL. 747.0

RLH. 1-31-80

SKETCH A-1
BULL # 6, ITEM # 4
JOB 6272

Shambaugh & Son

INC. MECHANICAL • ELECTRICAL • FIRE PROTECTION • WASTEWATER
1010 East Sumner Avenue • P.O. Box 27297 • Indianapolis, Indiana 46227 • Phone (317) 788-4561

TRANSMITTAL SHEET

TO:

McNAMEE, PORTER & SEELEY
CONSULTING ENGINEERS
2223 PACKARD ROAD
ANN ARBOR, MICHIGAN 48104

DATE: 5-18-79

PROJECT: CITY OF FT. WAYNE, INDIANA
WATER WORKS IMPROVEMENTS
CONTRACT 77-W-2
SPEC. ITEM: 44 ME# 14
SUBMITTAL # 79

IN CONNECTION WITH THE ABOVE WE ARE FORWARDING:

FILE 6272-020-6290

ELEVEN (11) COPIES OF HYDRYER SYSTEMS INC. - MODEL HS-10CS

COPIES OF DEHUMIDIFIER

COPIES OF

COPIES OF

COPIES OF

RECEIVED

MAY 23 1979

THESE ARE TRANSMITTED as checked below:

McNAMEE, PORTER & SEELEY

BY

☒ For approval

☐ Approved as submitted

☐ Resubmit _____ copies for approval

☐ For your use

☐ Approved as noted

☐ Submit _____ copies for distribution

☐ As requested

☐ Returned for corrections

☐ Return _____ corrected prints

☐ For review and comment

☐

REMARKS: A CREDIT OF \$6370 IS BEING OFFERED AS

A RESULT OF THIS ALTERNATE EQUIPMENT AND

- PROPOSING TO REVISE THE HEAT RECOVERY SYSTEM.

DISTRIBUTION:

McNamee Porter & Seeley
Hagerman Construction Corp.
Shambaugh Fort Wayne Office
Job Superintendent
Contract Manager/File

TRANSMITTAL DRWGS.

11
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Shambaugh & Son, Inc.

BY

Clorn Chapman

Shambaugh & Son

MECHANICAL • ELECTRICAL • FIRE PROTECTION • WASTE WATER
INC. 1010 East Sumner Avenue • P.O. Box 27297 • Indianapolis, Indiana 46227 • Phone (317) 788-4561

COMMENT SHEET

April 17, 1979

Specification Section 14
Fiberglass Weirs, Troughs, & Stop Plates

1. Re: Primary and Secondary Weir Troughs - Please note submittal drawing #16800-1 shows a stabilizer cable in lieu of the 2" x 2" x 1/4" shown on Standard 1400-2. For this substitution we offer the owner a credit of \$2,500.00.
Also enclosed for your review is a copy of letter dated April 10, 1979 by Paul Sanford of Warminster Fiberglass. Also please note their request to relocate truss support in primary tank 18'-6" from wall rather than 19'-6" shown on contract drawing S-13.

We also offer a gasket seal rather than caulking at top of trough at no change in contract price.

On hanger rods you will note the turnbuckles are not shown as Warminster previous experience has been this is undesirable from a operator stand point and has caused cracked troughs because of using a turnbuckle for adjustment. Also enclosed is our sketch 8320-1 showing wall boxout for installation of troughs. After troughs are leveled they will be grouted in place on sides and bottom with non-skrink grout.

2. Re: Filter Weir Plates - Drawing 16800-3 appears okay. I assume the color of these is also turquoise.
3. Re: Specification Section 20 - Stop gates and guides and drawing 16800-2.

In flume schedule for guides that are embedded in concrete please verify frame height as it appears it is about 2" less than dimension from bottom of flume to top of concrete.

Where there is grating for removal of gates are guides to go to top of floor level and grating abut the guide frame or guide frame be 2" short and be notched for removal gate?

I believe guide frame for SP11 and 12 should be 6'-6" instead of 5'-6". Please provide structural details for stop plate removal and location of grating frame.

Reference plate tagging- Are tags to be fastened thru handholes?

Shambaugh & Son

MECHANICAL • ELECTRICAL • FIRE PROTECTION • WASTE WATER
INC. 1010 East Sumner Avenue • P.O. Box 27297 • Indianapolis, Indiana 46227 • Phone (317) 788-4561

For gate WP-16 provide structural details for location and gates removal.
On structural drawing S-16, section 2-2 indicates channel width is about
5'-1" while M-9 shows width as 4'-0" please clarify.



Ronald Hoke

cc: Hagerman

TO: Hagerman-Shambaugh, Joint Bidders
403 Strauss Building
Fort Wayne, IN 46801

DATE: December 27, 1979

RECEIVED

JAN 02 1980

ATTENTION: Mr. Ralph Turner
Mr. Ronald Hoke

FORT WAYNE WATER UTILITY
ENGINEERING DEPT.

PROJECT: City of Fort Wayne,
Water Works Improvements
Filtration Plant Additions
Contract 77-W-2

BULLETIN NO 6

INTENT: This is not a change order. This is a request to the Contractor for a detailed price breakdown of proposed changes in the work.

PROPOSED CHANGES:

1. Revise pneumatic conveying system in accordance with revised drawings M-7, 8, 9, 10, 11, 12, 13 and 33, I-14, 21 and 29 and E-5, 21 and 44.

Drawings M-7, 8, 9, 10, 11, 12, and 13 were reissued May 15, 1979 and M-33 was reissued July 29, 1979.

Drawings I-14, 21 and 29 and E-5, 21 and 44 are being reissued with this Bulletin.
2. (See Sheet E-51)
For the three overhead door operators P(15), (16), and (17), locate the up-down-stop pushbuttons inside the building near their respective doors. Add an up-down pushbutton station for operator P(15) only on the exterior of the building near the door. Wire these pushbuttons in parallel to the interior up-down pushbuttons.
3. (See Sheet E-35). Add a 120 volt power supply for the electric water heater from circuit LP-G(12). Unit is located above the Lavatory.
4. (See sheets E-48, E-59, I-2, M-51 and M-57). Supplemental Drawing SI-1 is issued herewith. Level sensors LT-29 and LT-30 are to be changed from that shown to bubbler type as detailed. Install in the Gate House as directed in the field. Road crossing shall consist of a 0.75-inch conduit with 2-2/C#18 shld. and a 1-inch diameter air line. Include a shut off valve in the main building.
5. (See sheets E-6 and E-7). Delete field wiring for Bag Shakers B(24), C(22) and C(24) Starters to remain as spares. Bag Shakers consist of a timer and solenoid air valves and is served from the associated Dust Collector. Revise field wiring for circuits B(25), C(23) and C(25) to be 0.75-inch conduit with 4#12 and 8#14.

Delete field wiring for valves F(22) and G(22) with feeder switches remaining as spares.

Add circuit MCC-Q(37) for Soda-Ash Feeder No. 1. Wiring requirements are similar to Lime Feeder B(6).

ON FOR CHANGES:

1. Revisions to pneumatic conveying system are required based on recommendations of equipment supplier.
2. To provide outside push button station for one garage door.
3. To provide electrical power to the water heater in the new Control Room.
4. Changes required so that filtered water levels can be transmitted to new Control Panel.
5. Changes required for compatibility with equipment being furnished.

Will the work covered by this Bulletin require an extension of the contract completion date _____. How Many calendar days _____.

It is requested that the spaces provided for the change in contract amount, signature and date be filled in and 2 copies returned to this office. A quotation, showing the Bulletin Number and the detailed cost setting forth the breakdown of labor, material and markup, is to be attached to each copy of the Bulletin, showing the addition, credit or no charge for each item.

McNAMEE, PORTER AND SEELEY

BY Arthur D. Katz

Change in Contract Amount _____

Net Contract Change _____

BY _____

DATE _____

DISTRIBUTION:

Contractor - 4
E. Stanczak - 1
G. Patrick - 1
D. Foland - 1
T. Larder - 1
A.D. Katz - 1
Shop dwg. file - 1

Enclosures: Revised Drawings E-5, 21 and 44, I-14, 21 and 29
Supplemental Drawing SI-1 (22" x 34").

TITLE OF ORDINANCE SPECIAL ORDINANCE - CHANGE ORDER NO. 7, CONTRACT NO. 77-W-2, FILTRATION PLANT
ADD.

WATERWORKS IMP.

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE CHANGE ORDER NO. 7, CONTRACT NO. 77-W-2, FILTRATION PLANT ADDITION, WATER

WORKS IMPROVEMENTS, HAGERMAN-SHAMBAUGH, JOINT BIDDERS, CONTRACTORS FOR PROJECT, FOR THE

FOLLOWING: REVISE PNEUMATIC CONVEYING SYSTEM AS RECOMMENDED BY EQUIP. SUPPLIER, PROVIDE

OUTSIDE PUSH BUTTON STATION FOR ONE GARAGE DOOR, PROVIDE ELECTRICAL POWER TO WATER HEATER

IN NEW CONTROL ROOM, CHANGES TO ALLOW FILTERED WATER LEVELS TO BE TRANSMITTED TO NEW CONTROL

PANEL, CHANGES FOR COMPATIBILITY WITH EQUIPMENT SUPPLIED, CHANGE DEHUMIDIFICATION SYSTEM TO

HYDRYER, CHANGE SETTLING TANK WEIR TROUGHS BRACES AND FURNISH AND INSTALL WELD PLATES IN THE

TOP SURFACE OF BEAMS IN CHEMICAL BLDG., WHICH WILL SUPPORT PRECAST ROOF SLABS.

TOTAL REVISED CONTRACT PRICE, INCLUDING THIS CHANGE ORDER \$14,805,167.00

EFFECT OF PASSAGE CHANGES NECESSITATED WHEN CONTRACTOR'S EQUIPMENT SUPPLIER TESTED LIME, SODA ASH
AND FERRI-FLOC FROM CHEMICALS SUPPLY, SAID TESTS INDICATING DIFFERENT COMPONENTS FROM THOSE
SPECIFIED WOULD BE NECESSARY.

EFFECT OF NON-PASSAGE

MONEY INVOLVED (DIRECT-COSTS, EXPENDITURES, SAVINGS) \$22,458.00 FROM BOND ISSUE

ASSIGNED TO COMMITTEE